



(12) **United States Patent**
Boblett et al.

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(54) **LOCATION BASED CHARGING CONTROL
OF ELECTRIC VEHICLE**

USPC 320/162, 109
See application file for complete search history.

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B60L 11/18 (2006.01)

(52) **U.S. Cl.**

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(57) **ABSTRACT**

A method for automatically charging the battery pack of an electric vehicle in accordance with a set of location sensitive charging instructions is provided. Exemplary location sensitive charging instructions include preset charging schedules and preset charge level limits. Different charging schedules and different charge level limits may be preset for different charging stations and locations, thus allowing the user to preset the charging instructions for each of multiple locations where the user routinely charges their car. Default charging instructions are used at those charging stations and locations where a set of location sensitive charging instructions has not been preset.

(58) **Field of Classification Search**

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20 Claims, 10 Drawing Sheets

